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DEPARTMENT OF EDUCATION

REQUIREMENTS

FOR

CERTIFICATES AND DIPLOMAS

FOR

GRADES 9, 10, 11, 12, and 13

IN

SECONDARY SCHOOLS

AND FOR

GRADES 9 and 10

IN

ELEMENTARY SCHOOLS

1958 - 1959

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SUBJECTS OF STUDY

The time allotment suggested below for a 40-period week represents an estimate of the relative requirements of the various subjects of study in each of the courses. The principal is not required to adhere rigidly to the number of periods set forth. Special modifications of the time allotment to suit local conditions of accommodations and staff may be made.

Principals are advised to use a 40-period week in order to keep the number of lesson periods each day to a minimum. In smaller schools with limited teaching power, or in schools with departments of agriculture where pupils carry options in both Industrial Arts and Agriculture, principals may find it necessary to use a 45-period week.

In order to reduce the difficulties of transition from Grade 8 to Grade 9 and to promote a closer relationship between teacher and pupil, principals of secondary schools are advised to keep to a minimum the number of teachers who teach in any one of the classes of Grades 9 and 10.

GRADE 9

GENERAL COURSE

Obligatory Subjects	**Number of Periods**
English	6
Social Studies, or, History and Geography	6
Physical Education	4
Mathematics	5
Science (See Note 3)	4 or 5
Guidance (Occupations)	2
Options — Any three or four of Science, French, Latin, Art or Music or Art and Music, Industrial Arts or Home Economics, Agriculture, Typewriting or Business Practice	16 or 12

Note 1.—*Re French.* A pupil who intends to select in Grade 11 a course qualifying him for entrance to university should select French as an option in Grade 9.

Note 2.—*Re Latin.* For pupils who intend to select Latin as an option in Grade 11, the principal may provide a course in Latin beginning in either Grade 9 or Grade 10.

Note 3.—*Re Science.* At least one year of Science is required of all pupils in Grades 9 and 10 of the General Course. If Science is taken for one year only the subject matter may be either the Grade 9 or the Grade 10 course, or Part A of the Grade 9 Course and Part A of the Grade 10 course, as outlined in circular *Curriculum I: 1,* or an equivalent course in General Science prepared by the local curriculum committee. If Science is taken in Grade 9 the number of optional subjects noted above may be reduced by one. Many students will, of course, continue to take Science in both years.

Note 4.—*Re Special Courses.* Where the approval of the Minister has been obtained, special courses may be arranged.

VOCATIONAL COURSES

Vocational courses include Art, Commercial, Home Economics, Industrial, and a combination of two of these.

For grant purposes, a vocational pupil shall be one who is enrolled in any of the foregoing vocational courses.

ART

Obligatory Subjects	Number of Periods
English	6
Social Studies, or, History and Geography	6
Physical Education	4
Mathematics	4
Guidance	2
Art	10
Options — Any two of	
French, Music, Science, Typewriting or Business Practice	8

COMMERCIAL

Obligatory Subjects	Number of Periods
English	6
Social Studies, or, History and Geography	6
Physical Education	4
Arithmetic	4
Guidance	2
Typewriting	4
Penmanship	2
Business Practice	4
Options — Any two of	
Art or Music or Art and Music, French, Home Economics or Shop Work and Drafting, Science	8

HOME ECONOMICS

Obligatory Subjects	Number of Periods
English	6
Social Studies, or, History and Geography	6
Physical Education	4
Mathematics	4
Guidance	2
Home Economics	10
Options — Any two of	
Agriculture, Art, French, Music, Typewriting or Business Practice	8

INDUSTRIAL

Obligatory Subjects	Number of Periods
English	6
Social Studies, or, History and Geography	6
Physical Education	4
Mathematics	5
Guidance (Occupations)	2
Science	5
Shop Work and Drafting	12

Note—If Music or Art or Music and Art is offered, it will be necessary to reduce the time of the other subjects. Instrumental Music may be offered as a Shop Work subject.

Note 1.—In Vocational Schools, the time allotted to the teaching of the practical subjects in any one of the Industrial, Home Economics, Commercial, or Art Courses shall not be less than twenty-five per cent (25%) of the total time. In the time-table of a pupil exploring two vocational courses, the combined time allotted to the teaching of the practical subjects of those courses shall not be less than thirty-five per cent (35%) of the total time.

Note 2.—*Re Special Courses.* Where the approval of the Minister has been obtained, special courses may be arranged.

GRADE 10

GENERAL COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies, or, History and Geography	6
Physical Education	4
Science (See note 5)	5
Options — Any four or five of Mathematics, Science, Latin, French, Art or Music or Art and Music, Industrial Arts or Home Economics, Agriculture, Typewriting or Business Practice	22 or 17

Note 1.—With the approval of the principal, a pupil who is not a candidate for an Intermediate Certificate may select fewer than four options.

Note 2.—In schools with Departments of Agriculture, a pupil taking both Agriculture and Industrial Arts may select five options.

Note 3.—The principal should make certain that a pupil in the General Course selects the options which are essential to the course he intends to pursue in Grades 11, 12, and 13.

Note 4.—*Re Prerequisite Options.* Mathematics or a language in Grade 10 is a prerequisite for the corresponding subject in Grade 11. Science, Art or Music or Art and Music, Industrial Arts or Home Economics, Agriculture, Typewriting or Business Practice in either Grade 9 or Grade 10 is a prerequisite for the corresponding subject in Grade 11.

Note 5.—*Re Science.* If it has not been taken in Grade 9, Science is an obligatory subject in Grade 10 and the number of options noted above may be reduced by one. See Note 3, page 4.

VOCATIONAL COURSES

INDUSTRIAL COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies, or, History and Geography	5
Physical Education	4
Mathematics	5
Science	5
Shop Work and Drafting, or Agriculture and Shop Work and Drafting	14

Note — Any one of
Art or Music or Art and Music, Typewriting or Business Practice, French may be substituted for four periods of Shop Work.

HOME ECONOMICS COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies, or, History and Geography	5
Physical Education	4
Home Economics	14
Options — Any two of Mathematics, Science, French, Art or Music or Art and Music, Typewriting or Business Practice	9

COMMERCIAL COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies, or, History and Geography	5
Physical Education	4
Business Arithmetic	3
Commercial Subjects	12-16
Options — Any one or two of French, Shop Work or Home Economics, Art or Music or Art and Music, Science	8-4

ART COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies, or, History and Geography	5
Physical Education	4
Art	14

Options – Any two of Mathematics, Science, Shop Work or Home Economics, French, Music, Typewriting or Business Practice	9

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Note–Standing in Grade 10 in any one of the four Vocational Courses listed above is a prerequisite for admission to the corresponding Vocational Course in Grade 11.

GRADES 11 AND 12

GENERAL COURSE

Obligatory Subjects	**Number of Periods**
English	7
History	5
Physical Education	4
Options – Any three or four of Mathematics, Science or Agricultural Science, Geography, French, Latin, German, Greek, Spanish, Italian, Commercial Work, Industrial Arts or Home Economics, Art or Music, Agriculture	23

Note 1.–The time allotted to any option which is taken for credit towards the Secondary School Graduation Diploma shall not be less than five periods, except where a pupil has been permitted to take five options.

Note 2.–For the Secondary School Graduation Diploma, *three* options are required as the minimum. However, most pupils should take at least *four* options in order to obtain a better general education or a broader foundation for further study.

Note 3.–The minimum academic requirement for admission to Schools of Nursing is the Secondary School Graduation Diploma including Chemistry of Grade 11 or 12 and *one* of the following–Physics of Grade 11 or 12, Botany of Grade 13, or Zoology of Grade 13. (Agricultural Science I and II will still be accepted as alternatives for Physics and Chemistry).

VOCATIONAL COURSES

INDUSTRIAL COURSE

Obligatory Subjects	**Number of Periods**
English	5
History of Industry and Elements of Economics	4
Physical Education	4
Mathematics	5
Science	4
Shop Work and Drafting	18

Note 1.—Any one of
Art or Music, Commercial Work, a modern language, may be substituted for four periods of Shop Work.

Note 2.—In certain of the major shopwork subjects in Grades 11 and 12 of the Industrial Course the Principal may, with the approval of the Superintendent of Secondary Education, eliminate some or all of the related shopwork, limit the major shopwork time to 12 periods a week and distribute the extra time over the subjects of English, Mathematics and Science.

HOME ECONOMICS COURSE

Obligatory Subjects	Number of Periods
English	6
History and Elements of Economics	4
Physical Education	4
Science or Agricultural Science or Art	4
Home Economics	17
Options – Any one of	
French, Mathematics, Music, Commercial Work, Science or Art (if not taken as an obligatory subject)	4

COMMERCIAL COURSE

Obligatory Subjects	Number of Periods
English, including Correspondence	7
History of Commerce and Elements of Economics	4
Physical Education	4
Commercial Subjects	16-20
Options – Any one or two of	
Mathematics, French, Art or Music, Science, Geography, Home Economics or Shop Work and Drafting, Merchandising	4-8

ART COURSE

Obligatory Subjects	Number of Periods
English	5
History	4
Physical Education	4
Art and Crafts	22
Options – Any one of	
Science, Mathematics, Shop Work and Drafting or Home Economics, Music, French, Commercial Work	4

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Note—In connection with all Vocational Courses, it should be noted that the minimum academic requirement for admission to Schools of Nursing is the Secondary School Graduation Diploma including Chemistry of Grade 11 or 12 and *one* of the following—Physics of Grade 11 or 12, Botany of Grade 13, or Zoology of Grade 13. (Agricultural Science I and II will still be accepted as alternatives for Physics and Chemistry.)

GRADE 13

GENERAL COURSE

Obligatory Subjects

English (Composition and Literature)
Physical Education

Optional Subjects

History
Algebra or Mathematics of Investment
Geometry
Trigonometry and Statics
Botany
Zoology
Physics
Chemistry
Latin
French or French for French-speaking candidates
German
Greek
Spanish
Italian
Music
Accountancy Practice or Secretarial Practice
Geography

Note—*Re English.* Attention is drawn to the fact that English (Composition and Literature) is an obligatory subject of study in all five grades of the General Course. Secondary school pupils must not be permitted to deprive themselves of the full benefit arising from the extended study of this subject or be excused from Grade 13 classes in English Literature and Composition, even though they may have obtained Grade 13 standing in English Composition or Literature by writing as private-study pupils at the end of Grade 12.

TECHNICAL COURSE

Obligatory Subjects	Number of Periods
English	7
Physical Education	2
Mathematics	12
Science	12
Materials and Processes of Industry	4
Economics	2

Note—The Secondary School Graduation Diploma of the Industrial Course is a prerequisite for admission to the Grade 13 Technical Course.

CERTIFICATES AND DIPLOMAS

Intermediate Certificate

An *Intermediate Certificate* will be granted, on the recommendation of the principal of a secondary school, or on the recommendation of the principal of an elementary school with the approval of the inspector concerned, to a candidate who has completed successfully the programme of studies in Grades 7 and 8 and one of the courses of study in Grades 9 and 10.

An Intermediate Certificate may be granted to a candidate who has completed successfully a two-year terminal course in Grades 9 and 10, but only where the Minister's approval of the course has been obtained.

An Intermediate Certificate may be granted to a candidate who has completed successfully a two-year terminal trade course in Grades 9 and 10, but only where the Minister's approval of the course has been obtained.

Secondary School Graduation Diploma

A Secondary School Graduation Diploma will be granted, on the recommendation of the principal of the Secondary School where the candidate completes the course of study, to a candidate who has completed successfully one of the courses of study in Grades 11 and 12 or such modifications of these courses as the Minister may approve at the beginning of the school year.

The various types of Secondary School Graduation Diploma are designated as follows:

General
Art
Commercial—Accountancy
Commercial—Clerical
Commercial—General Business
Commercial—General Business—Bilingual
Commercial—Merchandising
Commercial—Secretarial
Commercial—Special
Commercial—Special—Bilingual
Home Economics—Clothing and Textiles
Home Economics—Food and Nutrition
Home Economics—Hairdressing and Beauty Culture
Home Economics—Homemaking

Home Economics—Nursing Assistant
Home Economics—Salesmanship
Industrial—Aircraft Mechanics
Industrial—Applied Electricity
Industrial—Applied Electronics
Industrial—Auto Mechanics—General
Industrial—Auto Mechanics—Body Repair
Industrial—Chemistry
Industrial—Drafting—Architectural and Building Construction
Industrial—Drafting—Mechanical
Industrial—Electrical and Steam Operating
Industrial—Fine Instrument Practice
Industrial—Foundry Practice
Industrial—Machine Shop Practice
Industrial—Mining
Industrial—Music
Industrial—Plastics
Industrial—Plumbing
Industrial—Printing
Industrial—Sheet Metal Practice
Industrial—Tailoring
Industrial—Watch Making
Industrial—Welding
Industrial—Woodworking—Cabinet Making
Industrial—Woodworking—Carpentry
Industrial—Woodworking—General
Industrial—Woodworking—Pattern Making
Industrial—Special

Note 1.—The Minister may grant a Secondary School Graduation Diploma, with a designation depending upon the circumstance, to a candidate who has successfully completed three years of a course in one department followed by the successful completion of a year's work in another department, but only where the content of the fourth year's work is satisfactory to the Minister.

Note 2.—The Minister may grant a Secondary School Graduation Diploma to a candidate who has completed satisfactorily one of the courses of study prescribed for Grades 11 and 12, other than the General Course, under a co-operative plan whereby part of the Grade 12 course is taken in industry or business, provided that at the beginning of the school year the principal obtains the Minister's approval of such plan.

PROVISION FOR PRIVATE-SCHOOL CANDIDATES

for the Secondary School Graduation Diploma of the General Course

Note 1.—Where the principal of a private school applies to the Minister to have secondary school inspectors report upon his school with respect to the standard of instruction and the work of the pupils in the subjects of Grades 11 and 12 of the General Course, the Minister will arrange for the inspection.

Note 2.—Upon the recommendation of the principal of a private school where the inspectors have reported that the teaching and the work of the pupils are satisfactory, a Secondary School Graduation Diploma will be granted to a candidate who has completed successfully the courses of study in Grades 11 and 12 of the General Course.

PROVISION FOR DEPARTMENTAL CORRESPONDENCE COURSES CANDIDATES

for the Secondary School Graduation Diploma of the General Course

Candidates who obtain the required Grade 12 standing through the Correspondence Courses offered by the Department of Education may be recommended for the Secondary School Graduation Diploma by the Director of Correspondence Courses. See Circular 1957-58: 5 or Circular 1958-59: 5.

PROVISION FOR PRIVATE-STUDY CANDIDATES

for the Secondary School Graduation Diploma

Note 1.—Where a candidate

(a) has prepared himself by private study for examination in a subject of Grades 11 and 12 of the General Course, the Industrial Course, the Home Economics Course, the Commercial Course, or the Art Course, and

(b) has obtained at least 50 per cent on tests set at the end of the school year by the principal of a secondary school or of a private school where the Inspectors have reported that the teaching and the work of the pupils are satisfactory,

the principal shall give him a statement on the school stationery certifying that he has completed successfully the course of study in Grades 11 and 12 in the subject concerned. The principal shall indicate in which of the five above-mentioned Courses the standing has been obtained.

Note 2.—The candidate shall notify the principal not later than May 1st of his desire to take the tests, and thereupon the principal shall arrange for him to take the tests.

Note 3.—Where a private-study candidate notifies the principal of his desire to take tests in any of the subjects leading to a diploma in the Industrial Course, the Home Economics Course, the Commercial Course, or the Art Course, the principal shall provide for tests in the practical as well as in the written parts of the subject or subjects concerned.

Note 4.—Where a private-study candidate has obtained from one or more principals evidence that he has completed successfully the course of study in Grades 11 and 12 in all the required subjects of one of the Courses, he should present this evidence to the principal of the school where he took the last of the tests. Upon receipt of this evidence, the principal shall recommend the candidate for a Secondary School Graduation Diploma of the appropriate Course.

Note 5.—A pupil in regular attendance at the day classes of a secondary school or an inspected private school may not write as a private-study candidate at any other school, except where the subject concerned is not taught in the school at which he is in regular attendance.

Secondary School Honour Graduation Diploma of the General Course

A Secondary School Honour Graduation Diploma will be granted, on the recommendation of the principal of a secondary school, to a candidate who has

(a) attended for at least one year in Grade 13 day classes of a secondary school of the provincial system, and

(b) obtained Ontario Grade 13 standing in English Composition and English Literature and in at least six papers chosen from the optional subjects.

Note—Algebra or Mathematics of Investment, Geometry, Trigonometry and Statics, History, Physics, Chemistry, Botany, Zoology, Accountancy Practice or Secretarial Practice, Music and Geography will each count as one paper; the languages will each count as two papers.

Secondary School Honour Graduation Diploma of the Technical Course

A Secondary School Honour Graduation Diploma of the Technical Course will be granted, on the recommendation of the principal of a secondary school with the approval of the inspector concerned, to a candidate who has completed successfully the one-year Grade 13 Technical Course in day classes.

GENERAL INFORMATION

Grades 9 and 10

Note 1.—Intermediate Certificates

A candidate will be recommended by the principal for an Intermediate Certificate when he has completed successfully the programme of studies in Grades 7 and 8 and one of the courses of study in Grades 9 and 10.

No report will be made to the Department on behalf of a pupil at the end of Grade 7, 8, or 9.

No report will be made to the Department on behalf of a Grade 10 pupil who is not, in June, 1959, entitled to an Intermediate Certificate.

The provisions with respect to the Intermediate Certificate place upon the principal concerned the responsibility for ascertaining that the candidate has completed successfully the work of Grades 7, 8, and 9, even if he took all or part of that work in another school.

Therefore, it is imperative that a pupil who is changing schools at the end of Grade 7, 8, or 9 be provided with a definite statement indicating the extent to which he has mastered the course of the grade concerned.

Note 2.—Guidance

The Grade 9 Course of Study in Occupations is outlined in Curriculum I.3, printed in 1950 and 1953. In Grade 10, where provision has been made for Group Work in Guidance (Occupations), the course is that outlined in Curriculum I.3.

Group Work in Guidance will be in addition to the individual work carried on in all grades. For individual work, it is suggested that the time allotment be at least one period a week for each twenty pupils enrolled in the school.

Note 3.—Physical Education

The course in Physical Education and the related course in Health are included in one course known as Physical Education. Of the four periods per week suggested for this subject in each grade, three periods will be assigned to an activity programme either indoors or outdoors, and one period to classroom instruction.

Note 4.—**Secondary School Graduation Diplomas**

A candidate will be recommended by the principal for a Secondary School Graduation Diploma when he has completed successfully one of the courses of study in Grades 11 and 12.

No report will be made to the Department on behalf of a pupil at the end of Grade 11.

The provisions with respect to the Secondary School Graduation Diploma place upon the principal concerned the responsibility for ascertaining whether the candidate has completed successfully the work of Grade 11, even if he took that work in another school.

Therefore, it is imperative that a pupil who is changing schools at the end of Grade 11 be provided with a definite statement from his principal indicating the extent of his mastery of the work of Grade 11. Pupils should be warned to retain these statements for presentation to the principal concerned, particularly if they are planning to do part of the work of Grades 11 and 12 as private-study candidates.

Note 5.—**No Provision for Supplemental Tests at the end of Grade 12 or in certain subjects at the end of Grade 11**

Decision regarding a candidate's eligibility for standing in World History, Part 1, and, where applicable, in the Algebra part of the Mathematics option and in the Physics part of the Science option shall be made only at the end of the school year.

Similarly, decision regarding a candidate's eligibility for standing in a subject at the end of Grade 12 shall be made only at the end of the school year.

The decision in both cases shall be based upon the candidate's work during the year, or, in the case of a privately-prepared candidate, upon the results of the principal's final tests which the candidate writes at the end of the school year.

That is, a pupil who fails to complete successfully the requirements in a particular subject for the Secondary School Graduation Diploma in June shall not be given an opportunity to complete those requirements before the end of the next school year.

Note 6.—**Guidance**

Where provision has been made in Grade 12 for Group Work in Guidance (Occupations) the course will be that outlined in Curriculum S.5, Guidance Services in the Senior Division, printed in 1952.

Group Work in Guidance will be in addition to the individual work carried on in all grades. For individual work, it is suggested that the time allotment be at least one period a week for each twenty pupils enrolled in the school.

Note 7.—**Physical Education**

The course in Physical Education and the related course in Health are included in one course known as Physical Education. Of the four periods per week suggested for this subject in each grade, three periods will be assigned to an activity programme either indoors or outdoors, and one period to classroom instruction.

Note 8.—**The Commercial work option of the General Course.**

Courses of study for use in Grades 11 and 12 of Collegiate Institutes and High Schools offering the Commercial work option of the General Course will be found in Curriculum S.30 printed in 1958.

Note 9.—**Music and Art Options for Grades 11 and 12, General Course**

For the Secondary School Graduation Diploma only *one* of the following options may be counted: Art,
Music.

It should be noted that for Grades 11 and 12 the option Art and Music has been discontinued.

Note 10.— **The Industrial Course**

The courses of study leading to the Secondary School Graduation Diploma of the Industrial Course will be found in Curriculum I. and S. 27, Courses of Study, Grades 9, 10, 11, and 12, The Industrial Course.

Note 11.—**The Commercial Course**

The course of study leading to the Secondary School Graduation Diploma of the Commercial Course will be found in Curriculum I. and S. 8, Courses of Study, Grades 9, 10, 11, and 12, Commercial Courses, printed in 1954 and 1955.

Grade 13

Note 12.—History

The course in Grade 13 History is outlined in Curriculum S.10, printed in 1957. The book, *North America and the Modern World,* was revised in 1954 to meet the requirements of the course.

Note 13.—Geography

The course in Grade 13 Geography, introduced in September 1955, is outlined in Curriculum S.26. This subject will be accepted for admission to a Teachers' College. Pupils intending to proceed to a university course should enquire of the Registrar of the university concerned whether Geography will be accepted for admission to the course desired.

Note 14.—Physical Education

Three periods per week are suggested for this subject. These periods are to be assigned to an activity programme.

Note 15.—Mathematical Tables for Grade 13

At the Departmental examinations in Algebra, Geometry, Trigonometry and Statics, if mathematical tables are required, the 5-figure tables published by the Ryerson Press shall be used. At the Departmental examination in Mathematics of Investment, if mathematical tables are required, the 7-figure tables issued by the Department of Education shall be used.

In order that candidates may not be handicapped in writing Departmental examinations, principals might well encourage the use of the proper tables by their classes throughout the year.

Note 16.—Slide Rules

A candidate shall not be permitted to use a slide rule on any Departmental examination.